

**United States Court of Appeals
for the Federal Circuit**

PERSONALWEB TECHNOLOGIES LLC,
Plaintiff-Appellant

v.

GOOGLE LLC, YOUTUBE, LLC,
Defendants-Appellees

PERSONALWEB TECHNOLOGIES LLC,
Plaintiff-Appellant

v.

FACEBOOK, INC.,
Defendant-Appellee

PERSONALWEB TECHNOLOGIES LLC,
Plaintiff-Appellant

LEVEL 3 COMMUNICATIONS LLC,
Plaintiff

v.

EMC CORPORATION, VMWARE, INC.,
Defendants-Appellees

2020-1543, 2020-1553, 2020-1554

Appeals from the United States District Court for the Northern District of California in Nos. 5:13-cv-01317-EJD, 5:13-cv-01356-EJD, 5:13-cv-01358-EJD, Judge Edward J. Davila.

JUDGMENT

THIS CAUSE having been considered, it is

ORDERED AND ADJUDGED:

AFFIRMED

ENTERED BY ORDER OF THE COURT

August 12, 2021

/s/ Peter R. Marksteiner
Peter R. Marksteiner
Clerk of Court